Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 10/28/2014, 10/29/2014 (Half)	Man Days: 1.5
Inspection Unit: Quincy/Pittsfield	
Location of Audit:	
Exit Meeting Contact:	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Kevin Hecker	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Inspection Contact(s)	Title	Phone No.
	Email:	
	Phone#: (217) 424-6518	
Official or Mayor's Name:	Ron Pate	
	Fax#:	
	Emergency Phone#: (800) 755-5000	
	Peoria, IL 61602	
Headquarters Address Information:	300 Liberty	

Gas System Operations	Status
Gas Transporter	Ameren Illinois
Annual Report (Form 7100.1-1) reviewed for the year:	Satisfactory
Unaccounted for Gas	.32%
Number of Services	824016
Miles of Main	16941
Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	Satisfactory
Operating Pressure (Feeder)	variable
Operating Pressure (Town)	variable
Operating Pressure (Other)	Not Applicable

General Comment:		
Ameren classifies the gas distribution as either "distribution" or	"high-pressure distribution" (feeder).	
MAOP (Feeder)		variable
MAOP (Town)		variable
MAOP (Other)		Not Applicable
General Comment:		
Ameren classifies the gas distribution as either "distribution" or	"high-pressure distribution" (feeder).	
Does the operator have any transmission pipelines	9?	Yes
General Comment:		
There are 2 transmission lines out of the Milton station. One ru	nning to Macomb and the other at Golden.	
Regulatory	Reporting Records	Status
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Applicable
General Comment:		
There were no Telephonic Notices of Incidents for Ameren Qui	ncy in 2013.	
[191.9(a)]	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	Not Applicable
General Comment:		
There were no Telephonic Notices of Incidents for Ameren Qui	ncy in 2013.	
[191.9(b)]	Were any supplemental incident reports submitted when deemed necessary?	Not Applicable
General Comment:		
There were no Telephonic Notices of Incidents for Ameren Qui	ncy in 2013, therefore no supplemental reports were necessary.	
Did the operator have any plastic pipe failures in the	ne past calendar year?	No
General Comment:		
Ameren Quincy did not experience any plastic pipe failures in 2	013.	
Did the operator take action to mitigate safety concomponents?	cerns relating to the failure of the PE or pipeline	Not Applicable
General Comment:		
Ameren Quincy did not experience any plastic pipe failures in 2	013.	
[191.23(a)]	Did the operator report Safety Related Conditions?	Not Applicable
General Comment:		

There were no safety related conditions for Ameren Quincy	during 2013.	
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Applicable
General Comment:		
There were no safety related conditions for Ameren Quincy	during 2013.	
[192.16(c)]	Customer Notification: Has the operator notified each new customer within 90 days about the customer's responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	Satisfactory
General Comment:		
Ameren Illinois notifies each customer when they sign up fo	or service. This is in addition to the public awareness message sent annually.	
D	RUG TESTING	Status
Refer to Drug and Alcohol Inspection Forms an	d Protocols	Not Checked
General Comment:		
A drug and alcohol plan review was not conducted during t	his audit.	
TEST	REQUIREMENTS	Status
[192.517(a)][192.505,192.507,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	Satisfactory
General Comment:		•
Staff reviewed pressure test records from several farm taps	5.	
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Satisfactory
General Comment:		
Staff reviewed pressure test records for residential services	5.	
[192.603(b)][192.725]	Were service lines temporarily disconnected from the main properly tested prior to reconnection?	Satisfactory
	UPRATING	Status
Category Comment:		
There was no uprating conducted in Ameren Quincy's oper	rating territory in 2013.	
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Applicable
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will	Not Applicable

	produce a hoop stress of less than 30% SMYS?	
	OPERATIONS	Status
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Satisfactory
General Comment:	·	
Staff reviewed records for O&M reviews conduc	ted by Ameren Quincy staff.	
Has the operator conducted a review of	of the Operator Qualification Plan once per yr/15 months?	Yes
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
CONTIN	IUING SURVEILLANCE RECORDS	Status
[192.603(b)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Satisfactory
General Comment:	<u> </u>	
The procedures are noted in the operator's O&N	1, See section "Continuing Surveillance, section 1 - requirements".	
[192.491][192.489]	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	Not Applicable
General Comment:	<u> </u>	
There is no active cast iron piping within Amere	n Quincy's operating territory.	
[192.603(b)][192.755]	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	Not Applicable
General Comment:	·	
There is no active cast iron piping within Amere	n Quincy's operating territory.	
[192.603(b)][192.753(a)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	Not Applicable
General Comment:	·	
There is no active cast iron piping within Amere	n Quincy's operating territory.	

[192.603(b)][192.753(b)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	Not Applicable
General Comment:		•
There is no active cast iron piping within Ameren Q	uincy's operating territory.	
QUALIFICA	ATION OF PIPELINE PERSONNEL	Status
Refer to operator Qualification Inspection Forms and Protocols		Not Checked
General Comment:		•
A review of Ameren's Operator Qualification was n	ot conducted during this audit.	
DAMA	GE PREVENTION RECORDS	Status
[192.603(b)][191.11(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	Satisfactory
Has the number of damages increased o	r decreased from prior year?	Decreased
[192.603(b)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Satisfactory
[192.603(b)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Satisfactory
Does the operator have a Quality Assura facilities?	nce Program in place for monitoring the locating and marking of	Yes
Do pipeline operators include performand	ce measures in facility locating contracts?	Yes
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Satisfactory
Has the Operator adopted applicable sec	ctions of the Common Ground Alliance Best Practices?	Yes
If no, were Common Ground Alliance Bes	st Practices discussed with Operator?	Not Applicable
General Comment:		•
Ameren Illinois has adopted Common Ground Allia	nce Best Practices.	
	EMERGENCY PLANS	Status
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Satisfactory
General Comment:		
The emergency plan is reviewed 1Q of each year b	by all employees.	
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the	Satisfactory

	appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	Satisfactory
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Satisfactory
General Comment:		
This documentation was reviewed during a previous	audit conducted on the Public Awareness Plan in Pawnee in 2/2014.	
[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Satisfactory
PUBLIC AWA	ARENESS PROGRAM - RECORDS	Status
Refer to Public Awareness Program Inspe	ction Forms and Protocols	Not Checked
General Comment:		
An audit of Ameren's Public Awareness Program was	s conducted during a previous audit.	
0	DORIZATION OF GAS	Status
[192.603(b)][192.625(f)]	Has the operator maintained documentation of odorant concentration level testing using an instrument?	Satisfactory
General Comment:		
Staff reviewed odorant concentration tests in the GC	S system.	
Staff reviewed odorant concentration tests in the GC [192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	Satisfactory
	Has the operator maintained documentation of odorizer	Satisfactory
[192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	Satisfactory
[192.603(b)][192.625(e)]  General Comment:	Has the operator maintained documentation of odorizer tank levels?	Satisfactory  Not Applicable
[192.603(b)][192.625(e)]  General Comment:  Staff reviewed odorant tank levels (odorizer inspection)	Has the operator maintained documentation of odorizer tank levels?  Ons) in the GCS system.  Are master meter operators receiving written verification of	
[192.603(b)][192.625(e)]  General Comment: Staff reviewed odorant tank levels (odorizer inspection [192.603(b)][192.625(f)(1)]	Has the operator maintained documentation of odorizer tank levels?  Ons) in the GCS system.  Are master meter operators receiving written verification of	
[192.603(b)][192.625(e)]  General Comment:  Staff reviewed odorant tank levels (odorizer inspection [192.603(b)][192.625(f)(1)]  General Comment:	Has the operator maintained documentation of odorizer tank levels?  Ons) in the GCS system.  Are master meter operators receiving written verification of	
[192.603(b)][192.625(e)]  General Comment: Staff reviewed odorant tank levels (odorizer inspection [192.603(b)][192.625(f)(1)]  General Comment: Ameren Quincy is not a master meter operator.	Has the operator maintained documentation of odorizer tank levels?  Ons) in the GCS system.  Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?  Has the master meter operator maintained documentation	Not Applicable

PATROLLING	& LEAKAGE SURVEY	Status
[192.603(b)][192.721(b)(1)]	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	Not Applicable
General Comment:		
There are no Ameren gas facilities in the Quincy/Pittsfield op-	erating territory that fit this requirement.	
[192.603(b)][192.721(b)(2)]	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	Satisfactory
General Comment:	•	
Ameren Quincy has 7 aerial crossings that are inspected twic	ee per year.	
[192.603(b)][192.723(b)(1)]	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	Satisfactory
General Comment:		
The Ameren Quincy territory has 143 inside meter sets which	are included in the annual leak surveys.	
[192.603(b)][192.723(b)(2)]	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	Satisfactory
YARD LIN	IES - RESIDENTIAL	Status
[220 ILCS 2.2.03]	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	Satisfactory
General Comment:		
Ameren has all yard line locations documented.		
[192.463,220 ILCS 2.2.03][220 ILCS 2.2.03]	Has the operator determined if cathodic protection is required on these services?	Satisfactory
General Comment:		
Ameren does not provide cathodic protection for yard lines, a	and includes them in the leak surveys.	
[192.723(b)(1),192.723(b)(2)][220 ILCS 2.2.03]	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	Satisfactory
General Comment:		
Ameren conducts leak surveys on yard lines within required g	guidelines.	

ABANDONMENT or I	DEACTIVATION of FACILITIES PROCEDURES	Status
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	Satisfactory
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Satisfactory
[192.603(b)][192.727(d)]	Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply and open pipe ends sealed?	Satisfactory
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	Satisfactory
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	Not Applicable
General Comment:		
Ameren Quincy does not have any abandoned pi	peline that crosses a navigable waterway.	
PRESSU	RE LIMITING AND REGULATION	Status
[192.603(b)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	Satisfactory
General Comment:	<u> </u>	
Staff reviewed most of the records pertaining to in	nspections, and confirmed that inspections and engineering evaluations are being perform	ned to confirm capacity.
[192.603(b)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	Satisfactory
General Comment:	<u>.</u>	
Engineering evaluations of regulator capacity are	performed annually.	
[192.603(b)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
Engineering evaluations of regulator capacity are	performed annually.	
[192.603(b)][192.741(a),192.741(b)]	Is each distribution system supplied by more than one district pressure regulating station, or where required by	Satisfactory

[192.603(b)][192.617]	Did the operator experience accidents or failures requiring analysis?	Not Applicable
Investiga	ation Of Failures	Status
There are no vaults within Ameren Quincy's operating territory.		
General Comment:	1	
[192.603(b)][192.749(a)]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
	nined that they are being inspected/exercised annually. sted on the emergency valve list, so Staff requested additional information to no longer considered an emergency valve because that section of main was	
[192.603(b)][192.747(a),192.747(b)]	Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	Satisfactory
VALVE	MAINTENANCE	Status
	over pressure protection. Capacity will be confirmed during a subsequent a	udit.
General Comment:	these devices have adequate capacity?	ot / phioabic
[192.603(b)][192.743(a)]	If Yes, does the operator have documentation to verify that	Not Applicable
General Comment:  Ameren is currently working to rebuild the take points to install	over pressure protection	
	Is overpressure protection provided by the supplier pipeline downstream of the take point?	No
There were no instances of abnormally high or low pressure with	· · · · · · · · · · · · · · · · · · ·	
General Comment:		
[192.603(b)][192.741(c)]	If there were indications of abnormally high- or low- pressure, were actions taken to correct any unsatisfactory operating conditions?	Not Applicable
Nebo - ERX at the border station but not the take point.		
Milton - Telemetering site.		
South Quincy - (Panhandle take point) Telemetering is there, b	ut no over pressure protection at this point.	
North Quincy - has transmitters that watch pressure, but Amere	en supplies the metering. Nicor bills from Ameren's metering.	
General Comment:	•	
	the operator on a system supplied by a single regulating station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?	

failures that required analysis in 2013.	
ELDING OF STEEL PIPE	Status
Does the operator have documentation for their qualified welding procedure?	Satisfactory
Does the operator have documentation of welder qualification as required?	Satisfactory
Does the operator have documentation of welder OQ records?	Satisfactory
Does the operator have documentation of NDT personnel qualification as required?	Satisfactory
Does the operator have documentation of NDT testing performed?	Satisfactory
MATERIAL OTHER THAN WELDING	Status
Are persons making joints with plastic pipe qualified?	Satisfactory
Are persons inspecting plastic pipe joints qualified?	Satisfactory
Are qualified joining procedures for plastic pipe in place?	Satisfactory
·	
OSION CONTROL RECORDS	Status
Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	Satisfactory
Has the operator maintained documentation of an examination when buried pipe was exposed?	Satisfactory
Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per	Satisfactory
	Does the operator have documentation for their qualified welding procedure?  Does the operator have documentation of welder qualification as required?  Does the operator have documentation of welder OQ records?  Does the operator have documentation of NDT personnel qualification as required?  Does the operator have documentation of NDT testing performed?  MATERIAL OTHER THAN WELDING  Are persons making joints with plastic pipe qualified?  Are persons inspecting plastic pipe joints qualified?  Are qualified joining procedures for plastic pipe in place?  DSION CONTROL RECORDS  Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?  Has the operator maintained documentation of an examination when buried pipe was exposed?

[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Satisfactory
General Comment:		
There is only 1 rectifier within the Quincy/Pittsfield operating	territory and is inspected within the required intervals.	
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Satisfactory
General Comment:		
There is only one critical interference bond shown in the Qu intervals.	incy/Pittsfield operating territory in Baylis. Records indicate that this bond is ch	ecked at the required
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	Not Applicable
General Comment:		
No deficiencies have been discovered with this bond.		
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Not Applicable
General Comment:		
There are no unprotected pipelines as part of Ameren Quinc	cy's gas system.	
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation at casings?	Satisfactory
General Comment:		
Staff reviewed casing inspections in the GCS system.		
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	Not Applicable
General Comment:		
Ameren Quincy has not had any instances of a test lead bed	coming electrically unconductive.	
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Satisfactory
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion	Not Applicable

	due to transportation of corrective goo?	
	due to transportation of corrosive gas?	
General Comment:		
Ameren Quincy does not transport corrosive gas.		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Satisfactory
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Satisfactory
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	Satisfactory
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	Satisfactory
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	Not Applicable
General Comment:		
Ameren Quincy has not had any pipe removed due to externa	l corrosion.	
TRAINING -	83 IL ADM. CODE 520	Status
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	Satisfactory
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	Satisfactory
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	Satisfactory
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	Satisfactory